

Peak District National Park

Forecast valid from 00:00 on Monday 25 Jul 2022 until 23:59 on Tuesday 26 Jul 2022

Forecast Issued on Sunday 24 Jul 2022 at 15:19

Confidence: High for the unsettled conditions but low for the timing of any low cloud and rainfall on Monday. High confidence for mostly settled conditions to become established from mid-week.

Headline for Monday 25 Jul 2022: Rather wet and windy.

Mountain weather hazards on Monday 25 Jul 2022

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

Low Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

High Likelihood

Strong sunlight

Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Dull	Light rain	Light rain	Cloudy	Heavy Rain	Light rain
Precipitation probability							
20%	30%	40%	60%	70%	40%	50%	70%

Forecast for Monday 25 Jul 2022

Weather: Some variable amounts of cloud overnight, covering mainly the higher summits. The cloud will thicken during the early hours of Monday, bringing outbreaks of rain across the park. Some sunny spells will tentatively develop around midday but further cloud will move in during the afternoon, bringing more rain and showers, occasionally heavy.

Chance of cloud-free hill tops above 600m: Generally 10-30% in the west of the park, 50-70% in the east.

Low cloud and visibility: Very poor in cloud, particularly in the west, with bases around 500m, perhaps 450m in the northwest. Generally mediocre under the cloud, with rain or drizzle often reducing visibility. Cloud bases may improve a bit early afternoon but the visibility may drop at any time in rain or showers.

Forecast for Monday 25 Jul 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/34 SW	23/32 SW	19/26 SW	20/27 W	20/28 W	23/33 W	16/24 W	12/17 NE	7/10 N
300	18/27 SW	18/26 SW	15/22 SW	14/21 W	17/27 W	19/29 W	14/22 W	9/16 N	5/8 N
Valley	11/25 SW	11/25 SW	10/20 SW	10/20 W	12/25 W	15/29 W	10/20 W	6/15 N	3/6 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/9	12/8	12/8	12/9	13/10	12/8	12/9	10/8	10/8
300	15/12	14/11	14/11	15/12	15/12	15/11	14/12	13/11	12/12
Valley	16/14	15/13	14/13	15/14	16/14	15/13	15/14	13/12	13/12
Freezing Level*	2600m	2600m	2600m	2600m	2600m	2600m	2700m	2600m	2300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A dull, rather wet and windy day, making walking arduous on exposed terrain. Feeling cold at height. Waterproof clothing strongly advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 24 Jul 2022	14.2mm	15.8mm	23.6mm

Forecast for Tuesday 26 Jul 2022

Weather: Rather cloudy with some residual rain at first, this clearing southeast to sunny spells but a few afternoon showers. Feeling cool, though not as much as on Monday.

Maximum wind: Westerly 10mph with gusts 20mph.

Chance of cloud-free hill tops above 600m: 40% becoming 95% during the morning.

Low cloud and visibility: Poor in cloud initially, with bases as low as 500m, though improving rather quickly to become very good in the morning. Afternoon showers may reduce temporarily the visibility.

Temperature: **Valleys:** Plus 10 Celsius, becoming Plus 19 Celsius.

At 600m: Plus 09 Celsius, becoming Plus 13 Celsius.

Freezing level: Above summits.